

SHELL OIL COMPANY -- ROTELLA(R) T OIL 30 -- 9150-01-278-1357

===== Product Identification =====

Product ID:ROTELLA(R) T OIL 30

MSDS Date:08/24/1995

FSC:9150

NIIN:01-278-1357

MSDS Number: CCJDK

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819/4141/2252 FAX -6511

Emergency

Phone Num:713-473-9461/800-424-9300(CHEMTREC)

CAGE:54527

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

===== Composition/Information on Ingredients =====

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED
(MILD), HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: 60-80%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (

OIL MIST)

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS:64742-57-0

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHORODITHOIC ACID, O-O-D1 C1-14-ALKYL ESTERS, ZINC
SALTS (2:1) (ZDDP)

CAS:68649-42-3

Fraction by Wt: 1-2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHORODITHOIC ACID, O-O-D1 C1-14-ALKYL ESTERS, ZINC
SALTS (2:1) (ZDDP)

CAS:68649-42-3

Fraction by Wt: 1

-2%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MINIMALLY IRRITATING. SKIN:

MILDLY IRRITATING. PROLONGED/REPEATED CONTACT MAY RESULT IN
DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION: AT HIGH
TEMPERATURES MAY RESULT IN MILD IRRITATION OF THE UPPER
RESPIRATORY TRACT. INGE

STION:SLIGHTLY TOXIC IF SWALLOWED.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:IRRITATION AS NOTED ABOVE.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGREGATED BY EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MIN. GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING & WIPE EXCESS FROM SKIN. WASH
WITH SOAP & WATER OR WA

TERLESS HAND CLEANER. IF IRRITATION OCCURS,
GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR & PROVIDE
OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO
NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:390F,199C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE. DO
NOT USE DIRECT STREAM OF WATER. PRODUCT FLOATS & REIGNITE ON
SURFACE.

F

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO
NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR, INCLUDING A
POSITIVE-PRESSURE NIOSH APPROVED SCBA.

Unusual Fire/Explosion Hazard:COOL FIRE EXPOSED CONTAINERS WITH WATER.

===== Accidental Release Measures =====

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE
CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE SPILLS. SMALL
SPILLS****TAKE UP WITH ABSORBENT MATERIAL
AND DISPOSE OF PROPERLY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY PLACE WITH ADEQUATE
VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH PRESSURES.

Other Precautions:MINIMIZE SKIN CONTACT. PROPERLY DISPOSE OF
CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE
DECONTAMINATED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF EXPOSURE EXCEEDS EXPOSURE LIMITS, USE NIOSH
APPROVED AIR-SUPPLYING RESPIRATOR OR AN AIR- PURIFYING RESPIRATOR
FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:NORMAL WORK AREA VENTILATION IS GENERALLY ADEQUATE.

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES AS NEEDED

Eye Protection:NO SPECIAL EYE PROTECTION NECESSARY.

Other Protective Equipment:WEAR OTHER PROTECTIVE CLOTHING AS REQUIRED
TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH AFTER HANDLING

OIL PRODUCT AND BEFORE

EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:-10F,-23C

Vapor Pres: